




IPW

	Application Number	10/686,317
	Filing Date	October 15, 2003
	First Named Inventor	Susan M. Freier
	Art Unit	1635
	Examiner Name	Tracy Ann Vivlemore
Total Number of Pages in This Submission	Attorney Docket Number	ISIS0171-100 (ISPH-0794)

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Table A - Statement Under 37 CFR 3.73(b) - executed Assignments (5) - Return Postcard
<div style="border: 1px solid black; padding: 5px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Cozen O'Connor, P.C.		
Signature			
Printed Name	Paul K. Legaard		
Date	30 June 2005	Reg. No.	38,534

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Paul K. Legaard	Date	30 JUNE 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



DOCKET NO.: IBIS0009-101 (ISPH-0794)

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

**POWER OF ATTORNEY WITH REVOCATION AND
CHANGE OF CORRESPONDENCE ADDRESS**

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application, and appoint

☒ Practitioners at Customer Number: 34138

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the Correspondence Address for the above-identified application to:

☒ Practitioners at Customer Number: 34138

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. (A statement under 37 CFR 3.73(b) is enclosed.)

Respectfully submitted,
ISIS PHARMACEUTICALS, INC.

Date:

6/27/05

By:

Name: Grantland E. Bryce

Title: Vice President, Legal and General Counsel



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

STATEMENT UNDER 37 CFR 3.73(b)

Applicant, ISIS Pharmaceuticals, Inc., a corporation, states that it is:

☒ the assignee of the entire right, title, and interest of the applications identified in Table A attached hereto.


The extent (by, percentage) of its ownership interest is **100%** in the patent applications identified in Table A by virtue of:

☒ a copy of the pertinent assignment from the inventor(s) of the patent applications identified in Table A is enclosed herewith.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Respectfully submitted,
ISIS PHARMACEUTICALS, INC.

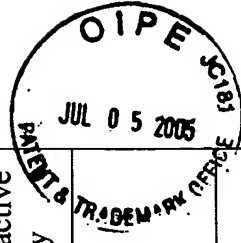
Date: 6/27/05

By: 

Name: Grantland E. Bryce
Title: Vice President, Legal and General Counsel

TABLE A

SERIAL NO.	FILING DATE	INVENTORS	EXAMINER	ART UNIT	TITLE
60/665,580	March 24, 2005	Crooke	Not Yet Assigned	Not Yet Assigned	Antisense Modulation Of C-Reactive Protein In Combination Therapy
10/445,996	May 27, 2003	Yu, Baker, Wu	Not Yet Assigned	1634	Nuclease-Based Method For Detecting And Quantitating Oligonucleotides
10/173,225	June 14, 2002	Monia	James Schultz	1635	Antisense Oligonucleotide Modulation Of RAF Gene Expression
10/686,317	October 15, 2003	Freier, Wyatt, U. of Utah, Matveeva, Tsodikov, Giddings	Tracy Ann Vivlemore	1635	Methods Of Obtaining Active Antisense Compounds



A S S I G N M E N T

WHEREAS, We, Susan Freier, of San Diego, State of California and Jacqueline R. Wyatt, of Encinitas, State of California, have invented a certain invention entitled Methods of Obtaining Active Antisense Compounds, for which we have made application for Letters Patent of the United States, said application having been filed May 9, 2000 and assigned Application No. 09/568,165; and

WHEREAS, ISIS Pharmaceuticals, Inc. hereinafter referred to as the assignee, of 2292 Faraday Avenue, Carlsbad, California, a corporation of Delaware is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignees,

to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignees or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said

DOCKET NO.: ISPH-0457

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assignees, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

DATED: 18-Aug, 2000

Susan Freier
SUSAN M. FREIER

State of California)
) ss.
County of San Diego)

On this 18th day of August, 2000, before me, the undersigned, a Notary Public for the state, personally appeared Susan M. Freier, personally known to me/proved to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.



Carol A. Collins
Signature of Notary

DOCKET NO.: ISPH-0457

PATENT

DATED: 8/31, 2000

Jacqueline R. Wyatt
JACQUELINE WYATT

State of California)
) ss.
County of San Diego)

On this 31st day of August, 2000, before me, the undersigned, a Notary Public for the state, personally appeared Jacqueline Wyatt, personally known to me/proved to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that she executed the same in his/her authorized capacity, and that by her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.



Carol A. Collins
Signature of Notary

ASSIGNMENT

WHEREAS, the University of Utah, the mailing address of which is 421 Wakara Way, Suite 170 Salt Lake City, Utah, has assigned to it a certain product and process entitled Methods of Obtaining Active Antisense Compounds, for which we have made application for Letters Patent of the United States, said application have been filed May 9, 2000 and assigned Application No. 09/568,165; and

WHEREAS, the University of Utah Research Foundation, a nonprofit organization, organized and existing under the State of Utah, located at 210 Park Building, Salt Lake City, Utah, is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) the receipt and sufficiency whereof is hereby acknowledged, and other good and valuable consideration, the University of Utah, by the presents does sell, assign and transfer unto said University of Utah Research Foundation, the full and exclusive right to the said invention and in and to said application and any and all non-provisional applications, divisions and continuations, substitutes and reissues of said application and the entire right, title and interest in, to and under any and all Letters Patent of the United States and foreign countries that may issue or granted on said invention.

The Commissioner of Patents is hereby authorized and requested to issue said Letters Patent to said University of Utah Research Foundation, as the assignee of the entire right, title and interest in and to the same, for its sole use and behoof, and for the use and behoof of its legal representative, to the full end of the term for which said Letter Patent may be granted,

fully and entirely as the same would have been by the University of Utah had this assignment and sale not been made.

Executed the 5 day of September, 2000 at Salt Lake City, Utah.

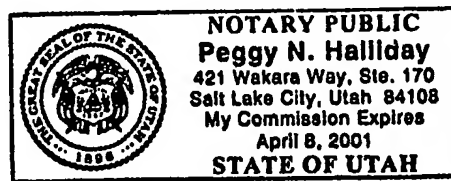
Brent Brown
Representative of the University of Utah

STATE OF UTAH)
): SS
COUNTY OF SALT LAKE

Before me personally appeared said Brent Brown
and acknowledge the foregoing instrument to his/her free act and deed this 5th
day of September, 2000

Peggy N. Halliday
Notary Public

My commission expires:
April 8, 2001



A S S I G N M E N T

WHEREAS, We, Olga Matveeva, of Salt Lake City, Utah, Alexander Tsodikov, of Salt Lake City, Utah, Michael C. Giddings, of Salt Lake City, Utah and, have invented a certain invention entitled Methods of Obtaining Active Antisense Compounds, for which we have made application for Letters Patent of the United States, said application having been filed May 9, 2000 and assigned Application No. 09/568,165; and

WHEREAS, University of Utah, hereinafter referred to as the assignee, of 615 Arapahoe Drive, Suite 110, Salt Lake City, Utah, a corporation of Utah, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee,

to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said

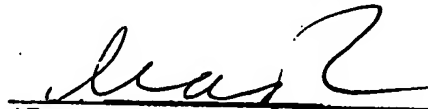
DOCKET NO.: ISPH-0457

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assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

DATED: 1/25, 2000


OLGA MATVEEVA

State of Utah)

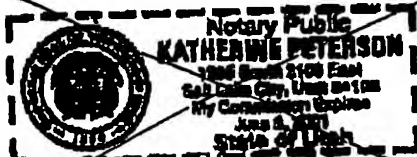
ss.

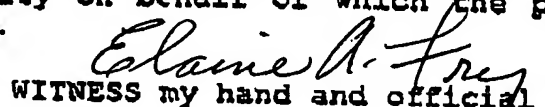
County of SALT LAKE)

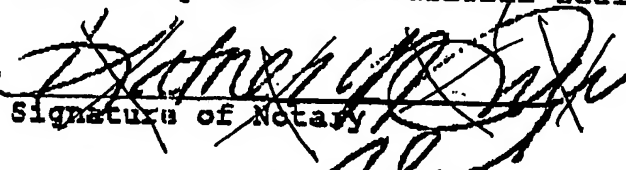


NOTARY PUBLIC
ELAINE A. FRY
15 No. 2030 E. Rm. 2100
S.L.C., UT 84112
COMMISSION EXPIRES
JUNE 30, 2001
STATE OF UTAH

On this 25 day of JANUARY, 2000, before me, the undersigned, a Notary Public for the state, personally appeared Olga Matveeva, personally known to me/proved to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.




WITNESS my hand and official seal.


Signature of Notary

ALEXANDER TSODIKOV

DATED: 8/15, 2000

01/25/01

State of Utah)

ss.

County of SALT LAKE)

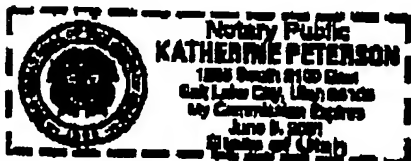
On this 15 day of August, 2000, before me, the undersigned, a Notary Public for the state, personally appeared Alexander Tsodikov, personally known to me/proved to me on the

DOCKET NO.: ISPH-0457

PATENT

basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.



Katherine Peterson
Signature of Notary

DATED: _____, 2000

MICHAEL C. GIDDINGS

State of Utah)

County of SALT LAKE)

) ss.

On this _____ day of _____, 2000, before me, the undersigned, a Notary Public for the state, personally appeared Michael C. Giddings, personally known to me/proved to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.

Signature of Notary

DOCKET NO.: ISPH-0457

PATENT

A S S I G N M E N T

WHEREAS, We, Olga Matveeva, of Salt Lake City, Utah, Alexander Tsodikov, of Salt Lake City, Utah, Michael C. Giddings, of Salt Lake City, Utah and, have invented a certain invention entitled Methods of Obtaining Active Antisense Compounds, for which we have made application for Letters Patent of the United States, said application having been filed May 9, 2000 and assigned Application No. 09/568,165; and

WHEREAS, University of Utah, hereinafter referred to as the assignee, of 615 Arapeen Drive, Suite 110, Salt Lake City, Utah, a corporation of Utah, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee,

to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

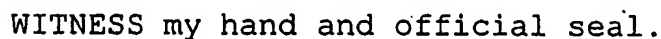
AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said

PATENT

IN WITNESS WHEREOF, we have hereunto set our hands and
seals.

OLGA MATVEEVA

On this _____ day of _____, 2000, before me, the undersigned, a Notary Public for the state, personally appeared Olga Matveeva, personally known to me/proved to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.



ALEXANDER TSODIKOV

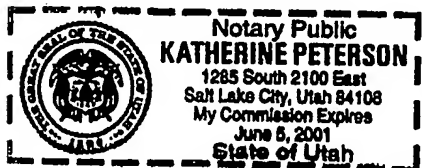
On this 15 day of August, 2000, before me, the undersigned, a Notary Public for the state, personally appeared Alexander Tsodikov, personally known to me/proved to me on the

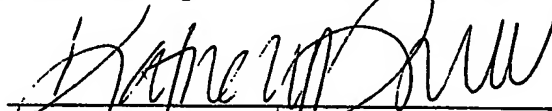
DOCKET NO.: ISPH-0457

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basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.




Signature of Notary

DATED: _____, 2000

MICHAEL C. GIDDINGS

State of Utah)
) ss.
County of SALT LAKE)

On this _____ day of _____, 2000, before me, the undersigned, a Notary Public for the state, personally appeared Michael C. Giddings, personally known to me/proved to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.

Signature of Notary

A S S I G N M E N T

WHEREAS, We, Olga Matveeva, of Salt Lake City, Utah, Alexander Tsodikov, of Salt Lake City, Utah, Michael C. Giddings, of Salt Lake City, Utah and, have invented a certain invention entitled Methods of Obtaining Active Antisense Compounds, for which we have made application for Letters Patent of the United States, said application having been filed May 9, 2000 and assigned Application No. 09/568,165; and

WHEREAS, University of Utah, hereinafter referred to as the assignee, of 615 Arapeen Drive, Suite 110, Salt Lake City, Utah, a corporation of Utah, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee,

to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said

DOCKET NO.: ISPH-0457

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assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

DATED: _____, 2000

OLGA MATVEEVA

State of Utah)
) ss.
County of SALT LAKE)

On this _____ day of _____, 2000, before me, the undersigned, a Notary Public for the state, personally appeared Olga Matveeva, personally known to me/proved to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.

Signature of Notary

DATED: _____, 2000

ALEXANDER TSODIKOV

State of Utah)
) ss.
County of SALT LAKE)

On this _____ day of _____, 2000, before me, the undersigned, a Notary Public for the state, personally appeared Alexander Tsodikov, personally known to me/proved to me on the

DOCKET NO.: ISPH-0457

PATENT

basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.

Elaine A. Fry omit
Signature of Notary Elaine A. Fry
08/14/00
Michael C. Giddings
MICHAEL C. GIDDINGS

DATED: 08/14/, 2000

State of Utah)
County of SALT LAKE) ss.

On this 14th day of August, 2000, before me, the undersigned, a Notary Public for the state, personally appeared Michael C. Giddings, personally known to me/proved to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.

Elaine A. Fry
Signature of Notary

